

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036627.D
 Acq On : 10 Sep 2018 16:27
 Operator : JU/SJ
 Sample : J4830-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 10 18:14:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

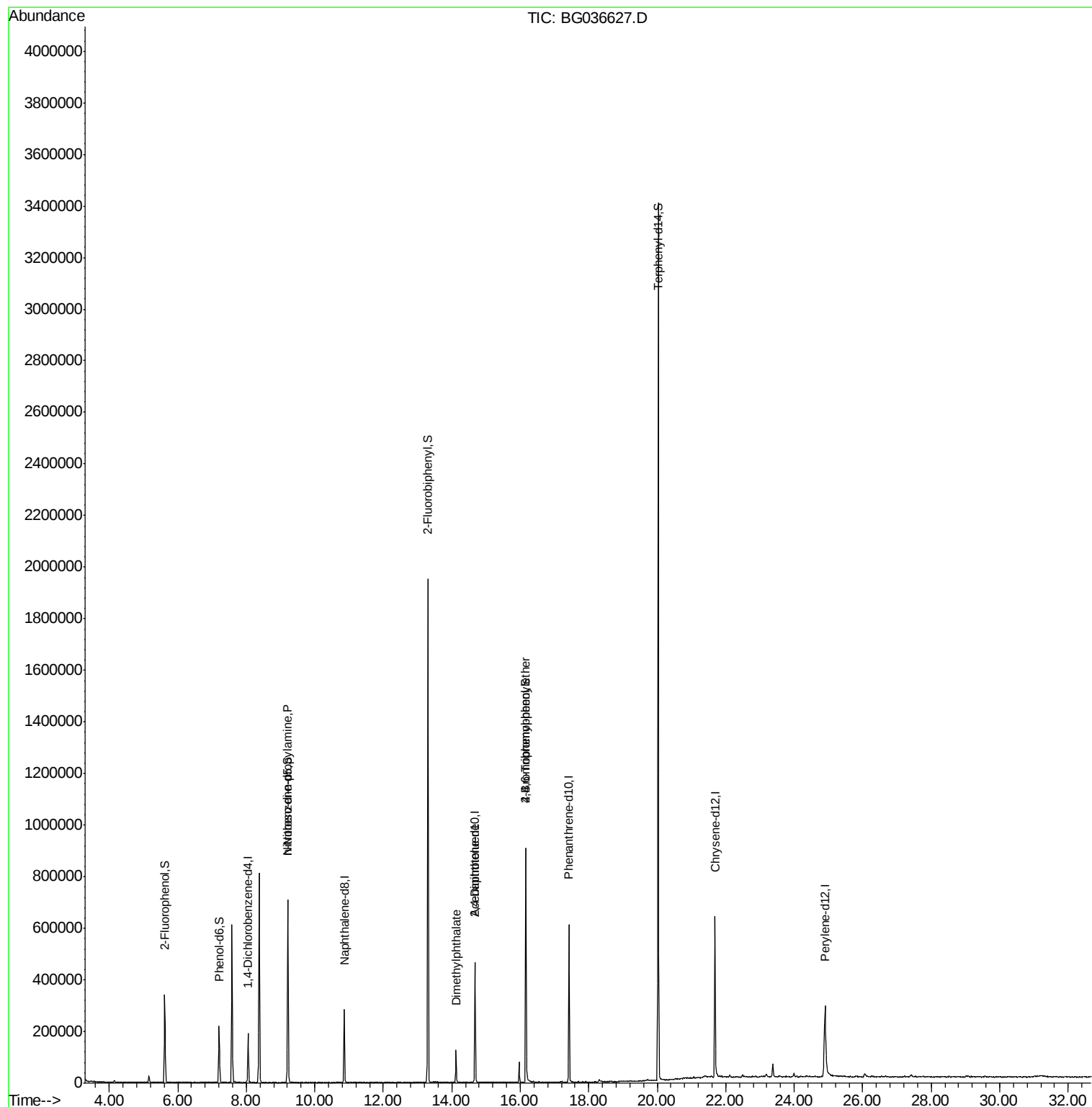
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58332	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	241448	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	161783	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	399078	20.00	ng	0.00
75) Chrysene-d12	21.68	240	414460	20.00	ng	-0.01
86) Perylene-d12	24.90	264	372885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	145794	39.65	ng	0.00
7) Phenol-d6	7.21	99	126315	23.99	ng	-0.01
23) Nitrobenzene-d5	9.22	82	419625	94.30	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	169475	87.79	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1020392	90.05	ng	0.00
78) Terphenyl-d14	20.03	244	1562944	88.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	56208	14.285	ng	# 69
49) Dimethylphthalate	14.12	163	86932	6.581	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	20903	5.900	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	13076	2.799	ng	# 1

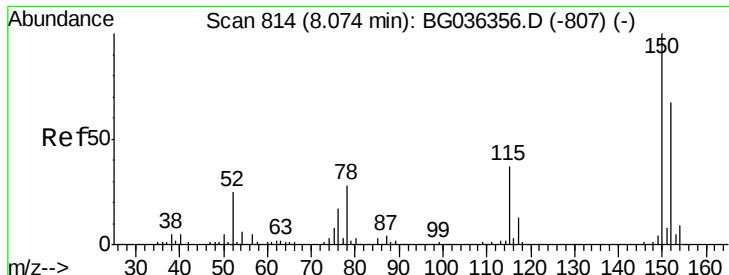
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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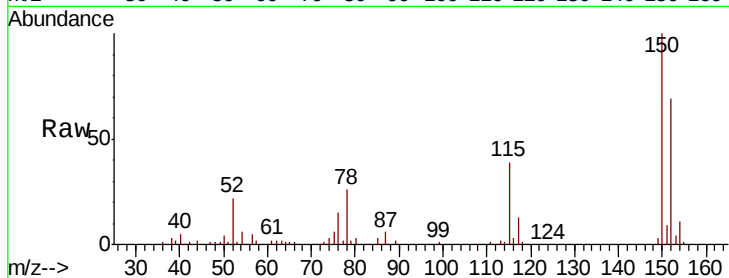


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036627.D
Acq: 10 Sep 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion	152	Resp	58332
Ion	Ratio	Lower	Upper
152	100		
150	144.8	119.5	179.3
115	56.3	44.5	66.7

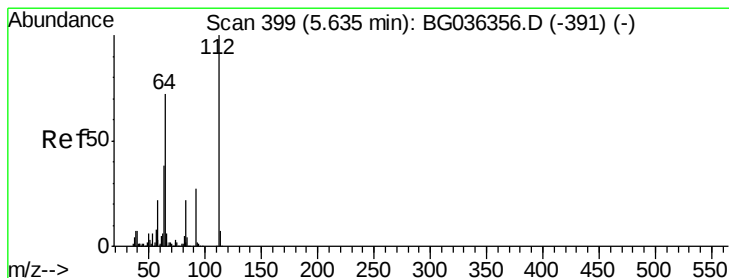
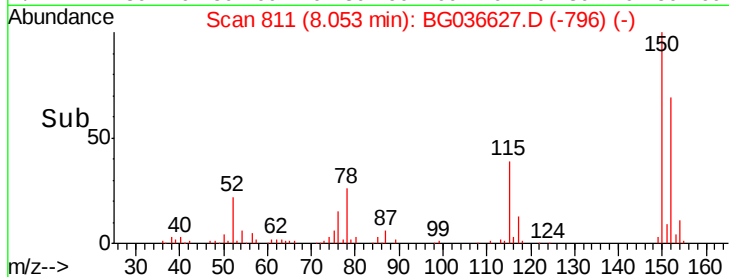
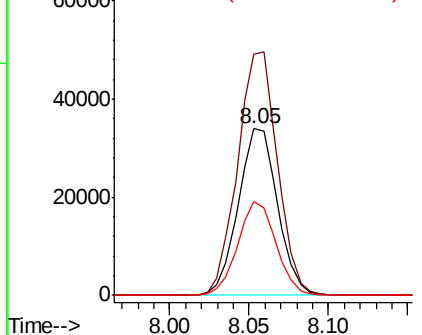


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

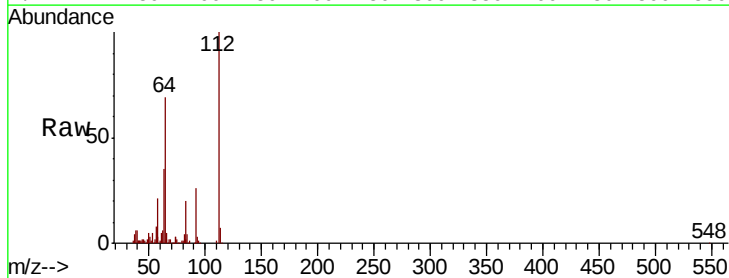
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.648 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036627.D
Acq: 10 Sep 2018 16:27

Tgt Ion	112	Resp	145794
Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.2	85.8
63	35.5	30.8	46.2

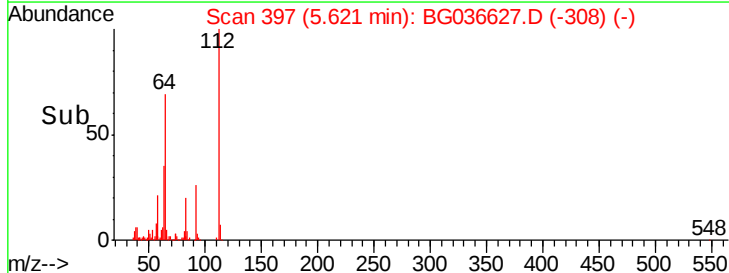
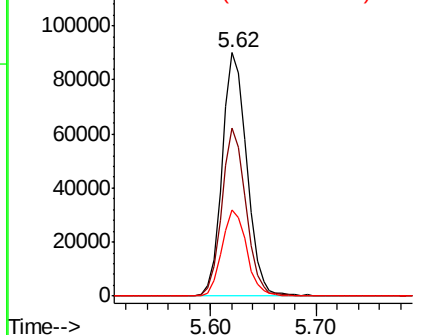


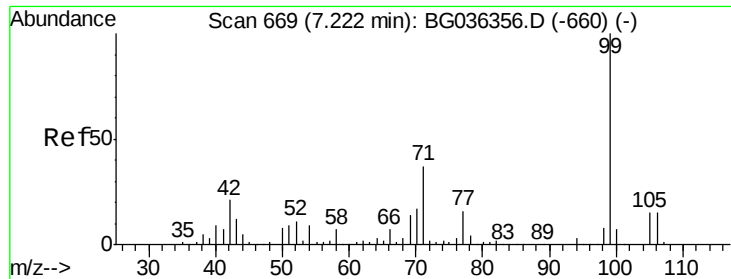
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 23.992 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036627.D

Acq: 10 Sep 2018 16:27

Instrument :

BNA_E

ClientSampled :

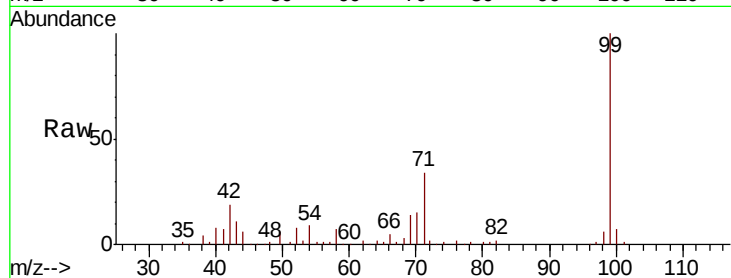
Tot Ion: 99 Resp: 126315

Ion Ratio Lower Upper

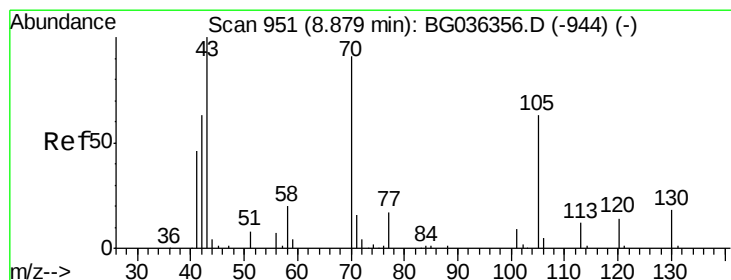
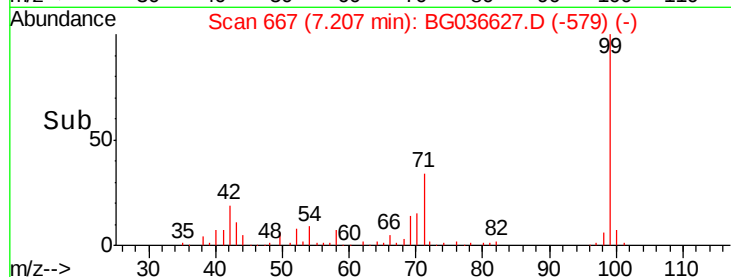
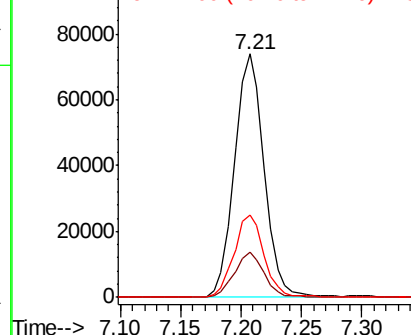
99 100

42 18.8 16.5 24.7

71 34.1 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 14.285 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036627.D

Acq: 10 Sep 2018 16:27

Tgt Ion: 70 Resp: 56208

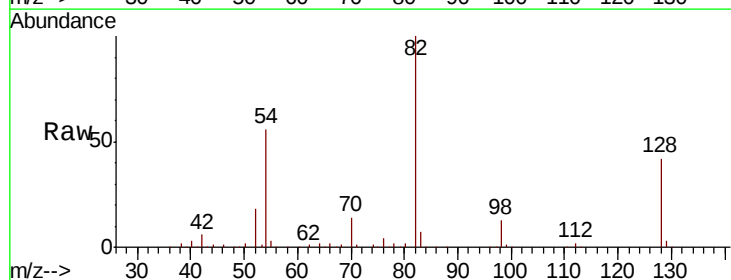
Ion Ratio Lower Upper

70 100

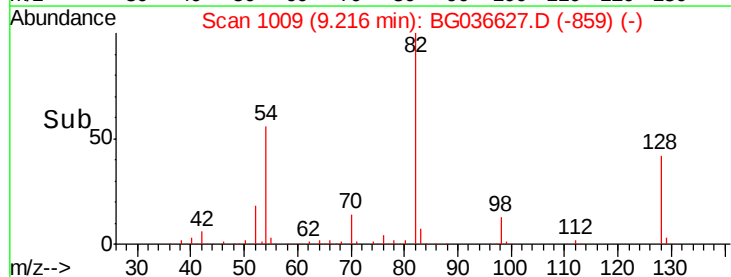
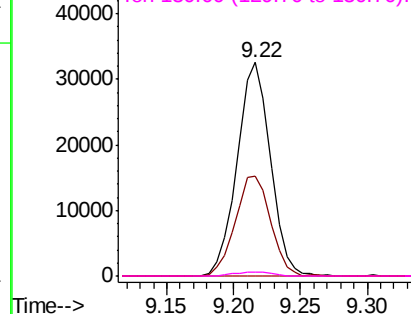
42 46.8 56.2 84.4#

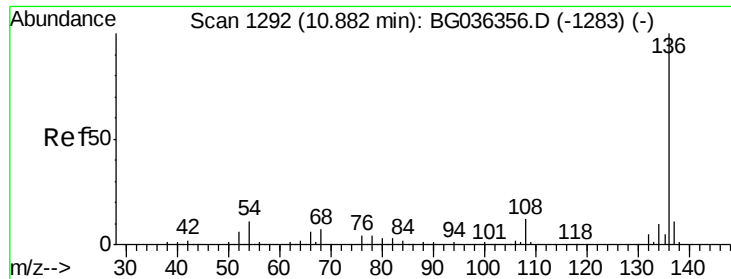
101 0.0 7.8 11.6#

130 2.1 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

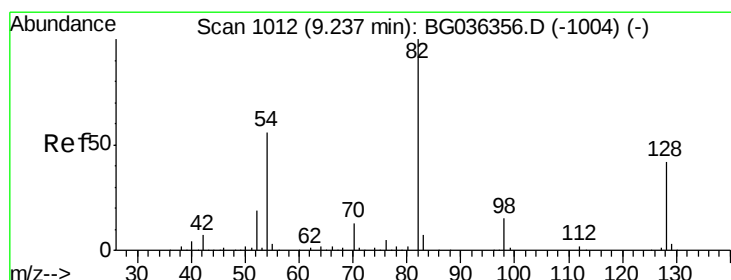
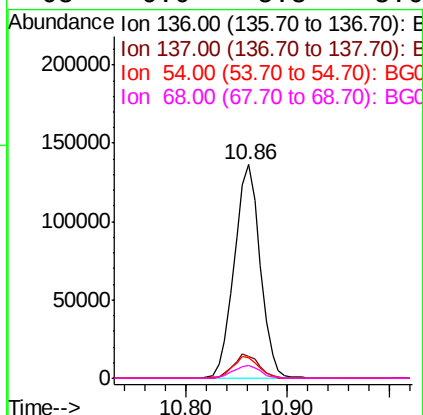
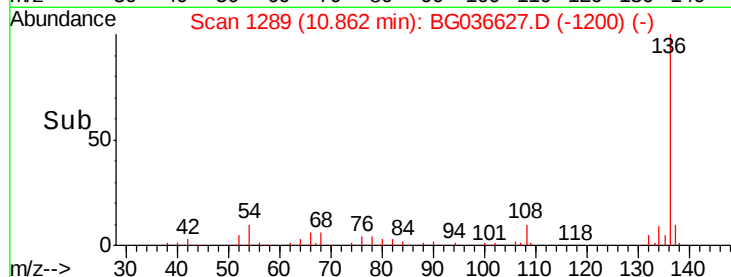
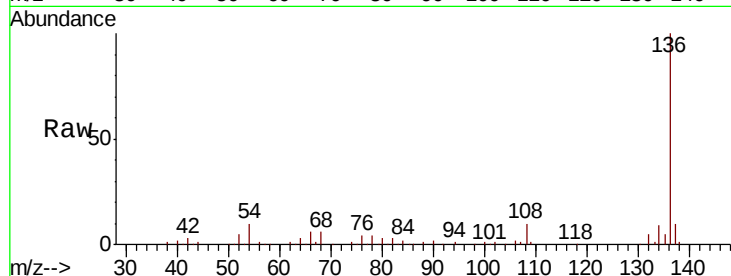




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036627.D
Acq: 10 Sep 2018 16:27

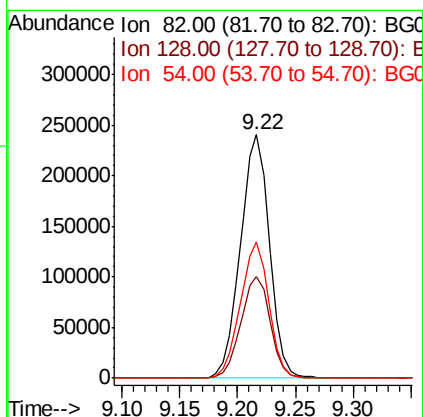
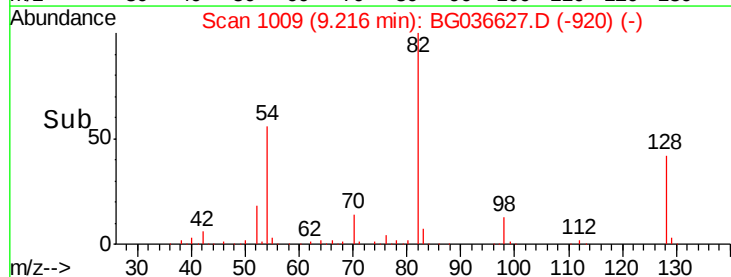
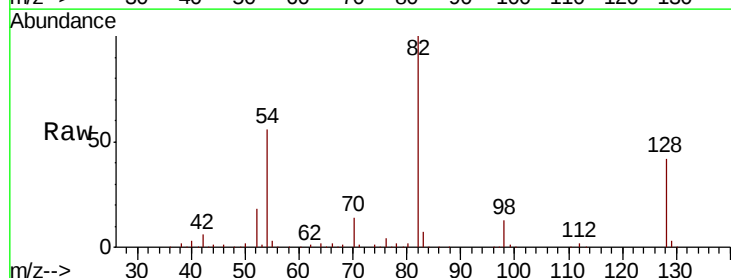
Instrument :
BNA_E
ClientSampleId :

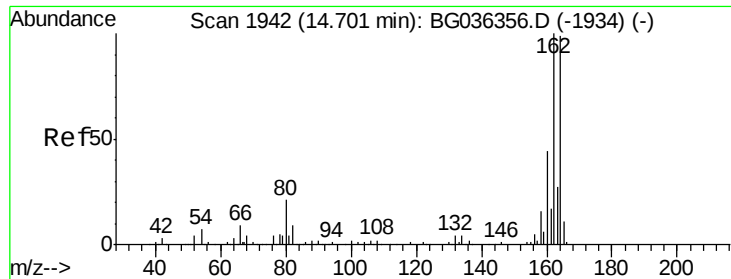
Tot Ion:136	Resp:	241448
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.8 13.2
54	9.5	9.2 13.8
68	6.0	5.8 8.6



#23
Nitrobenzene-d5
Concen: 94.296 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036627.D
Acq: 10 Sep 2018 16:27

Tgt Ion: 82	Resp:	419625
Ion Ratio	Lower	Upper
82	100	
128	41.6	33.3 49.9
54	55.7	45.1 67.7

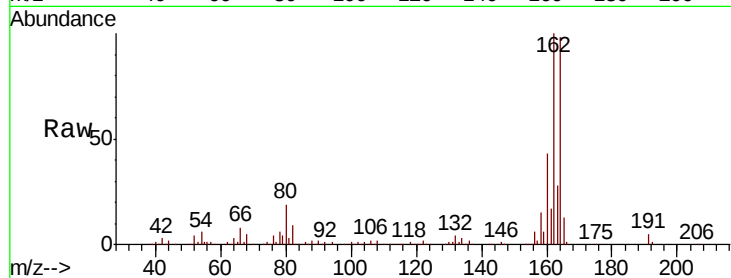




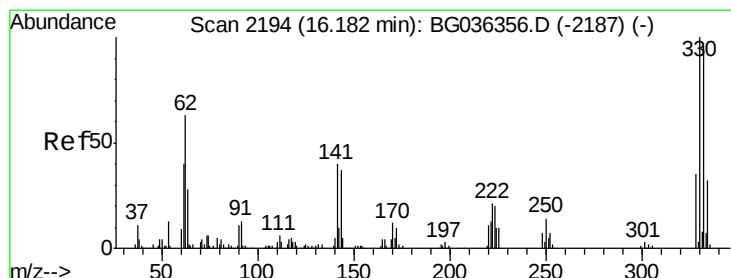
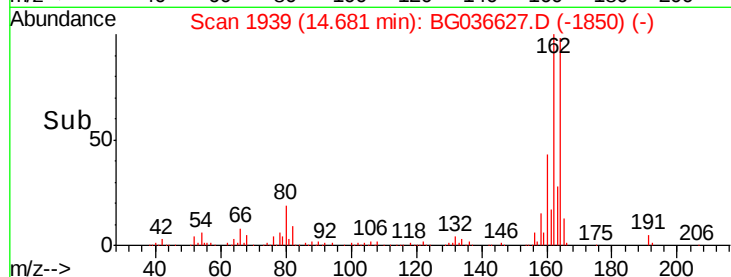
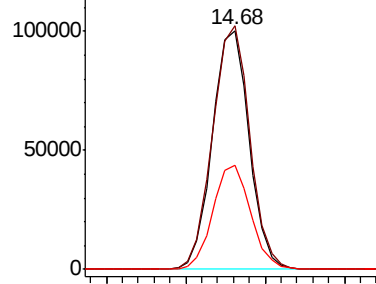
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG036627.D
 Acq: 10 Sep 2018 16:27

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 161783
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.7 121.1
 160 43.5 35.3 52.9

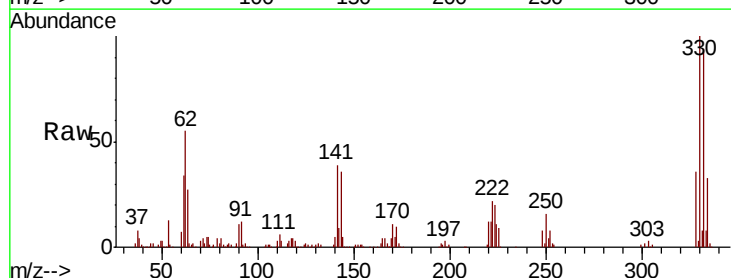


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

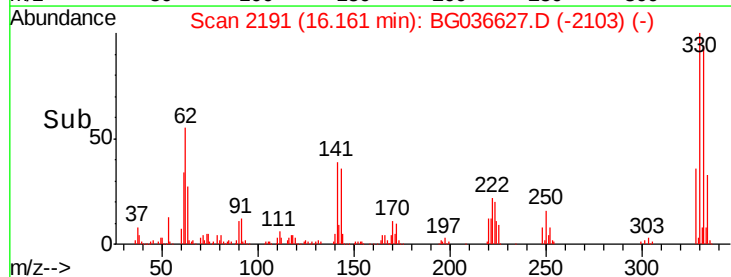
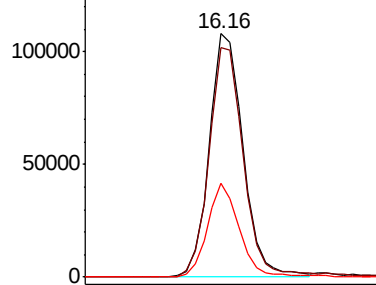


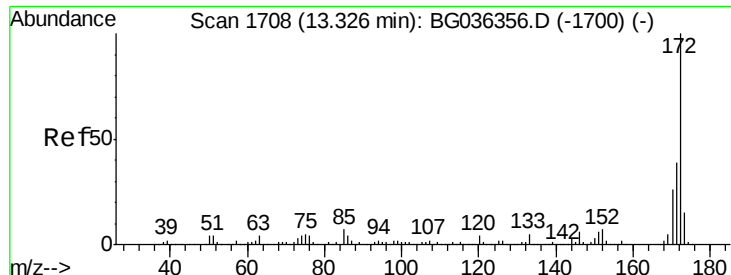
#41
 2,4,6-Tribromophenol
 Concen: 87.791 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036627.D
 Acq: 10 Sep 2018 16:27

Tgt Ion:330 Resp: 169475
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.4 113.2
 141 36.9 30.7 46.1



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

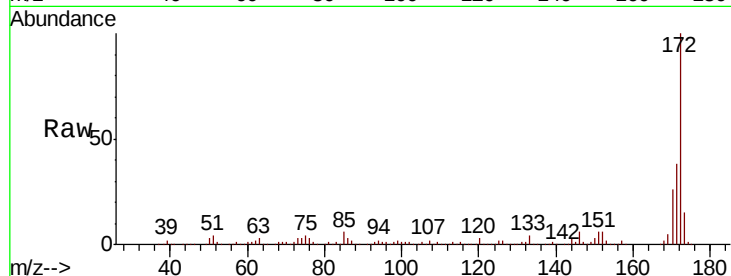




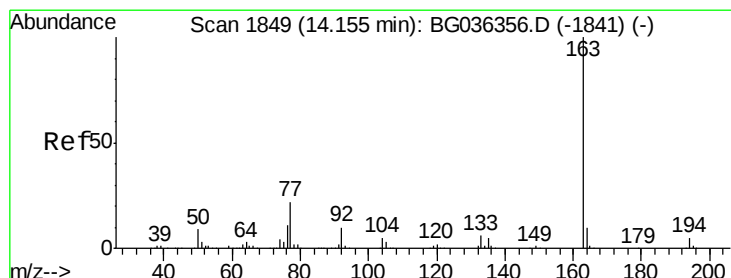
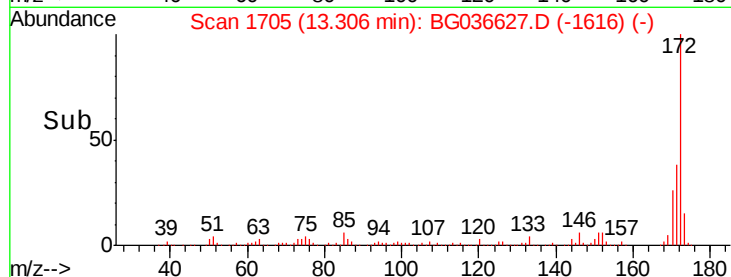
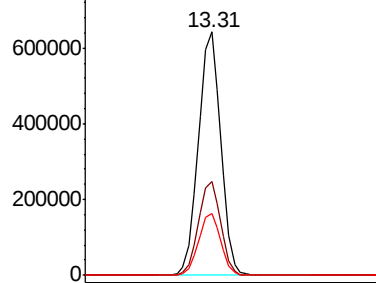
#44
2-Fluorobiphenyl
Concen: 90.055 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036627.D
Acq: 10 Sep 2018 16:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 1020392
Ion Ratio Lower Upper
172 100
171 38.3 31.3 46.9
170 25.6 21.0 31.6

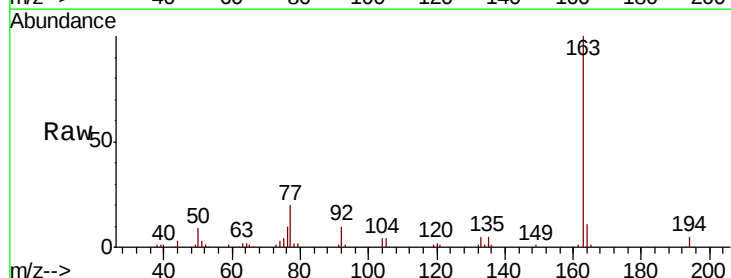


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

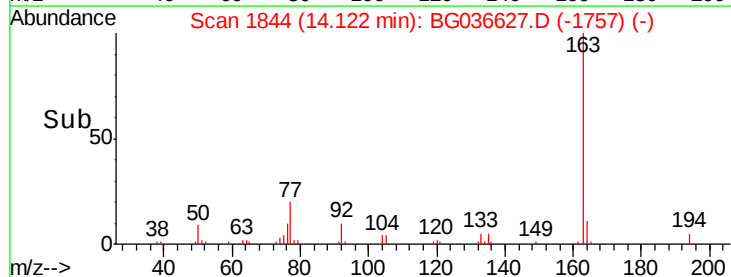
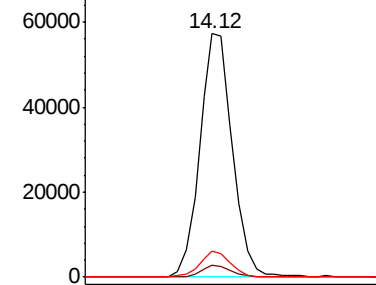


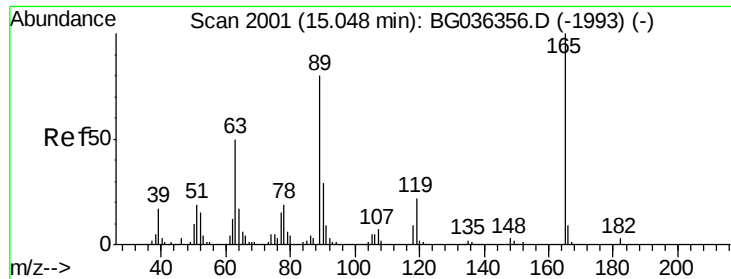
#49
Dimethylphthalate
Concen: 6.581 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036627.D
Acq: 10 Sep 2018 16:27

Tgt Ion:163 Resp: 86932
Ion Ratio Lower Upper
163 100
194 5.0 4.0 6.0
164 10.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

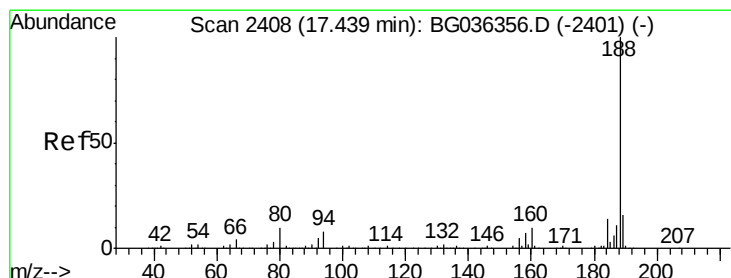
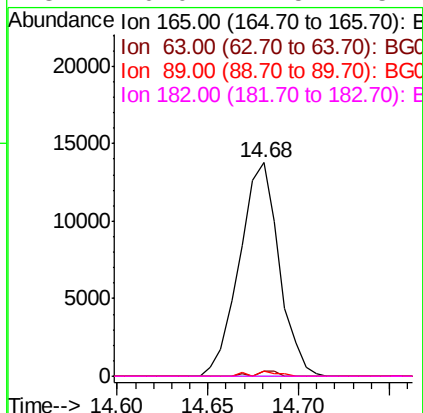
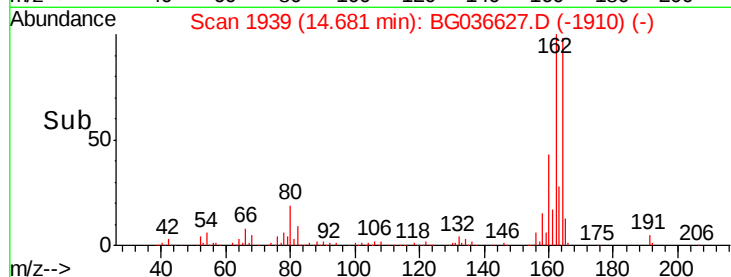
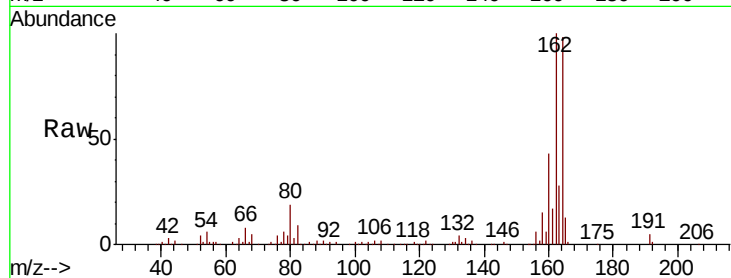




#56
 2,4-Dinitrotoluene
 Concen: 5.900 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036627.D
 Acq: 10 Sep 2018 16:27

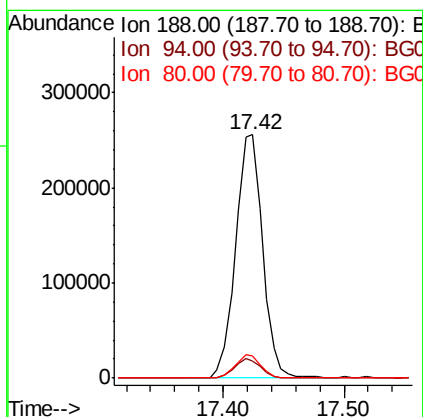
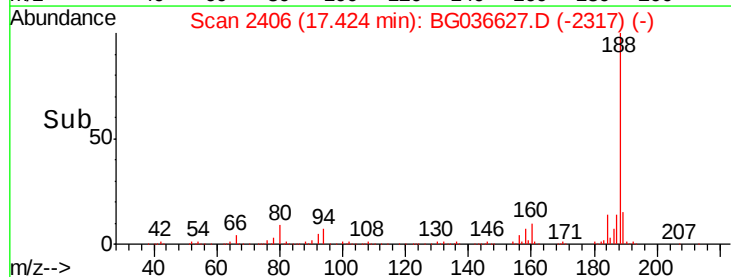
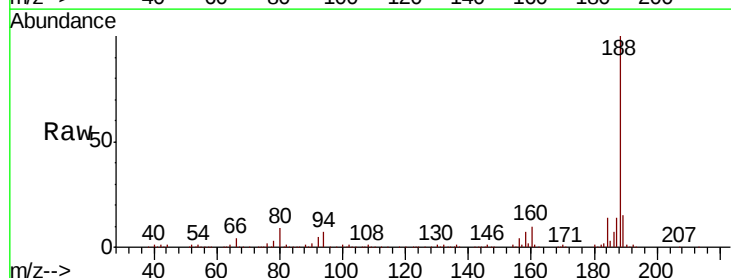
Instrument :
 BNA_E
 ClientSampleId :

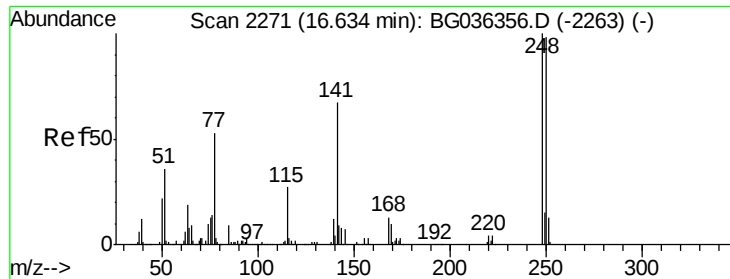
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG036627.D
 Acq: 10 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.7	10.1
80	9.0	8.1	12.1

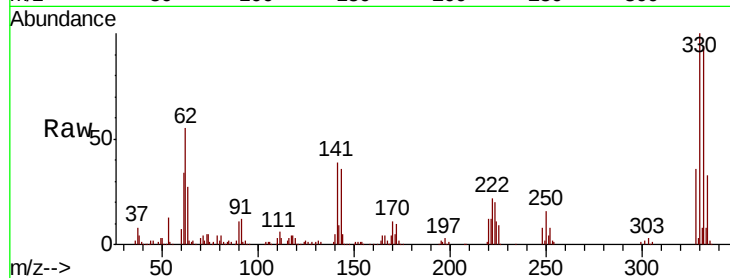




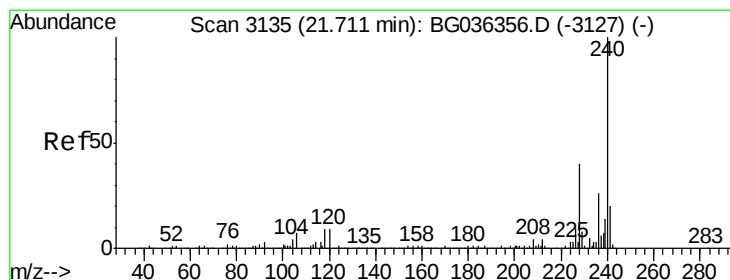
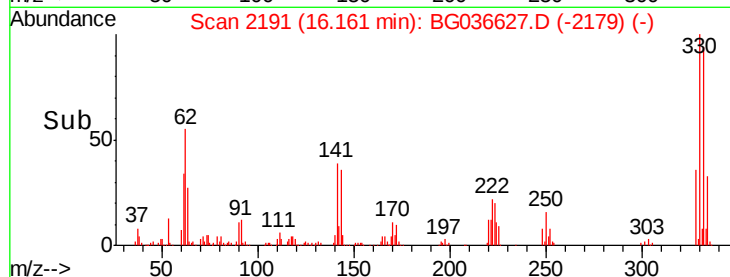
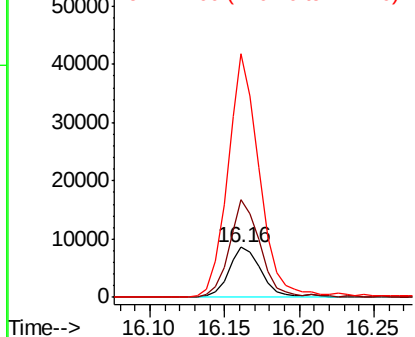
#66
 4-Bromophenyl-phenylether
 Concen: 2.799 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036627.D
 Acq: 10 Sep 2018 16:27

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:248 Resp: 13076
 Ion Ratio Lower Upper
 248 100
 250 196.1 78.1 117.1#
 141 489.7 53.7 80.5#

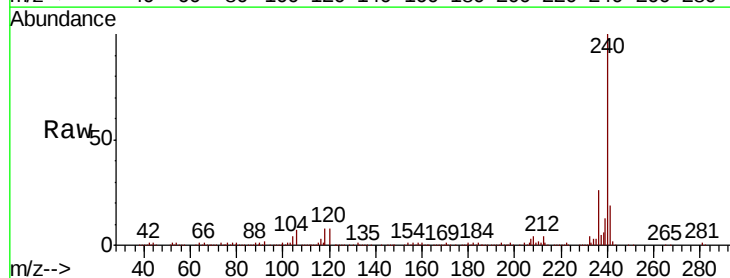


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

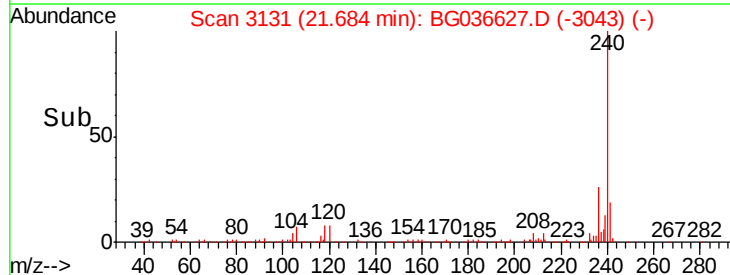
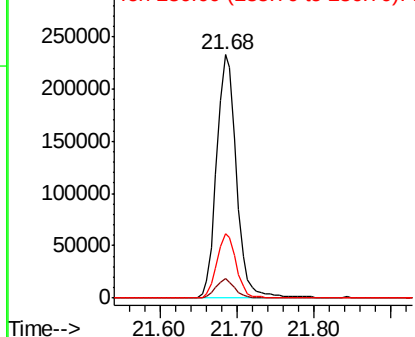


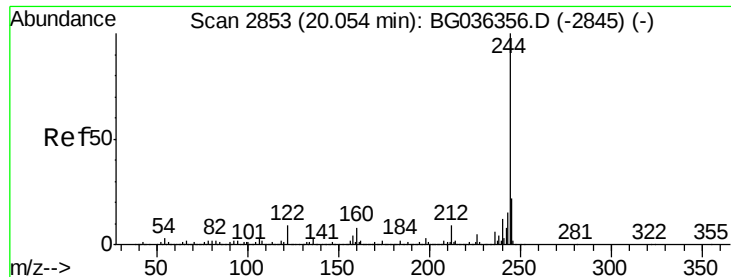
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036627.D
 Acq: 10 Sep 2018 16:27

Tgt Ion:240 Resp: 414460
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.9 10.3
 236 26.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.142 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036627.D

Acq: 10 Sep 2018 16:27

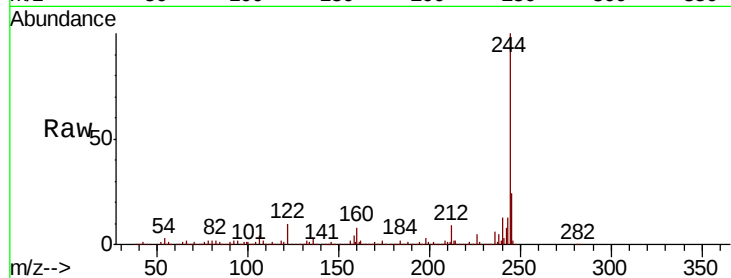
Instrument :

BNA_E

ClientSampled :

Tot Ion:244 Resp: 1562944

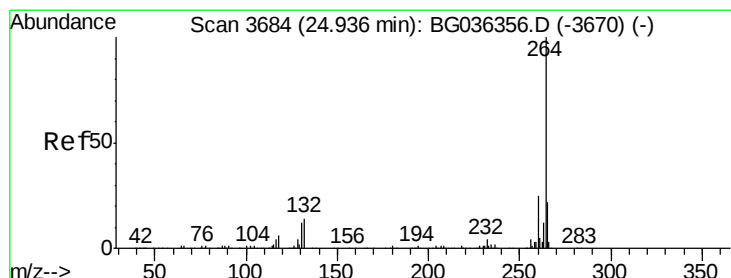
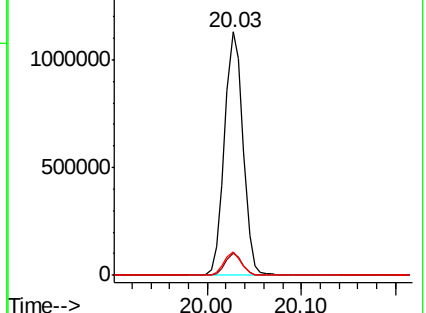
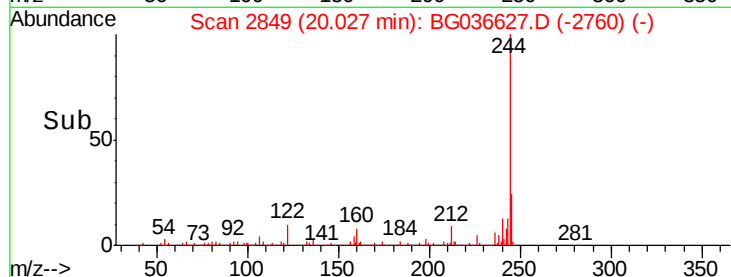
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.7	7.1	10.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

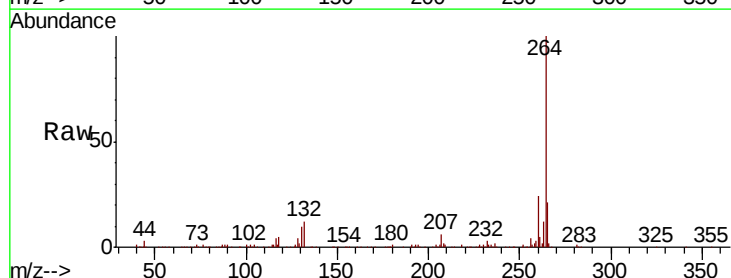
Delta R.T. -0.00 min

Lab File: BG036627.D

Acq: 10 Sep 2018 16:27

Tgt Ion:264 Resp: 372885

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.0	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

